

INTRAOCULAR LENS CASE

Patent Number: JP2001346817
Publication date: 2001-12-18
Inventor(s): MATSUOKA MOTOMICHI;; ICHIHARA SHINJI
Applicant(s): MENICON CO LTD
Requested Patent: ☐ JP2001346817
Application Number: JP20000171561 20000608
Priority Number(s):
IPC Classification: A61F2/16; A61B19/02
EC Classification:
Equivalents:

8

10L
packaging**Abstract**

PROBLEM TO BE SOLVED: To prevent the surface damage of an intraocular lens and the adhesion of the lens to a case while picking up the intraocular lens from the case by tweezers to reduce the delivery of the lens to next tweezers.

SOLUTION: A placing part 3 on which the support part (f) of the intraocular lens is placed and the recessed part 4 for a gap positioned under the optical part (o) of the intraocular lens of which the support part is placed on the support part are formed to a substrate 1 and pins 5 for preventing the lateral shift of the intraocular lens are arranged and a lid for covering the placing part, the recessed part for the gap and the pins is attached to the substrate and a projecting part 25 against which the support part of the intraocular lens strikes when the intraocular lens on the placing part floats is formed on the lid to constitute an intraocular lens housing mechanism and, even if the intraocular lens in the mechanism is placed on the placing part or floated, the lens surface thereof does not come into contact with the mechanism. The tweezers insertion groove 6 reaching the recessed part for the gap is formed to the substrate and the lens surface of the intraocular lens of which the support part is placed on the placing part is picked up by the taking-out tweezers of which the single side piece is inserted in the tweezers insertion groove to take out the intraocular lens.

Data supplied from the esp@cenet database - I2

態を示す部分拡大平面図。

【図5】同眼内レンズケースに眼内レンズを収納した状態を示す部分拡大図で、(a)は図1(b)と同様な断面図、(b)は図1(c)と同様な断面図。

【図6】同眼内レンズケースに眼内レンズと眼内リングを収納した状態を示す部分拡大平面図。

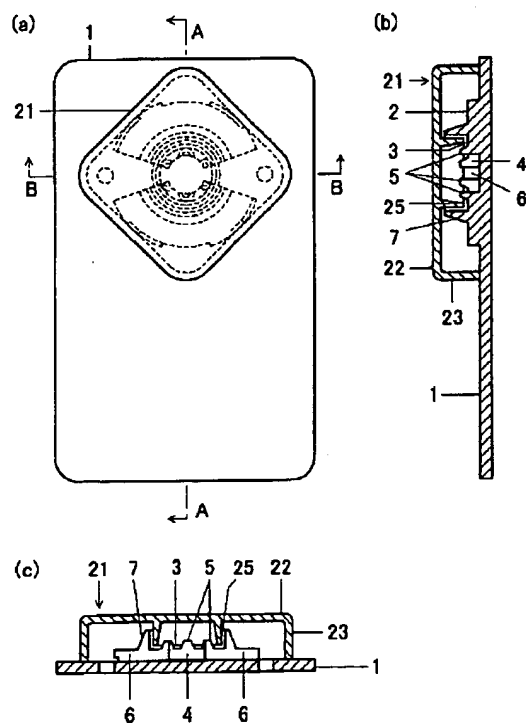
【図7】同眼内レンズケースに眼内レンズと眼内リングを収納した状態を示す部分拡大図で、(a)は図1(b)と同様な断面図、(b)は図1(c)と同様な断面図。

【図8】実施形態の第2例における眼内レンズケースの基板の平面図。

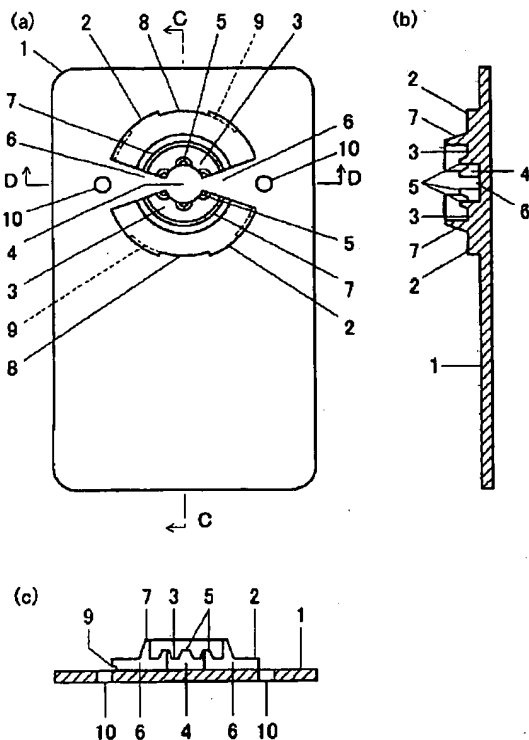
【符号の説明】

- 1 基板
- 3 載置部
- 4 隙間用凹部
- 5 横ずれ防止ピン
- 6 鑷子挿入溝
- 7 横ずれ防止凸部
- 21 蓋
- 25 浮き上がり制限突出部
- 3、4、5、25 レンズ収納機構
- o 軟質眼内レンズの光学部
- f 軟質眼内レンズの支持部
- R 眼内リング

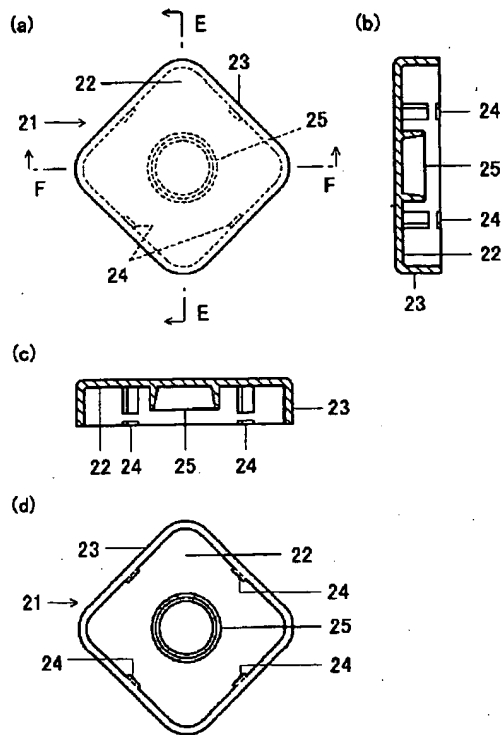
【図1】



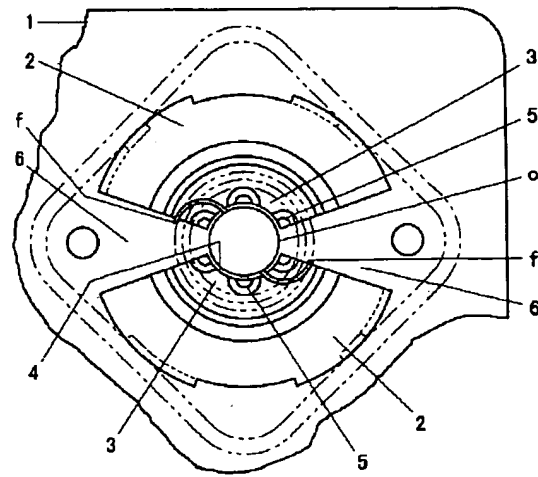
【図2】



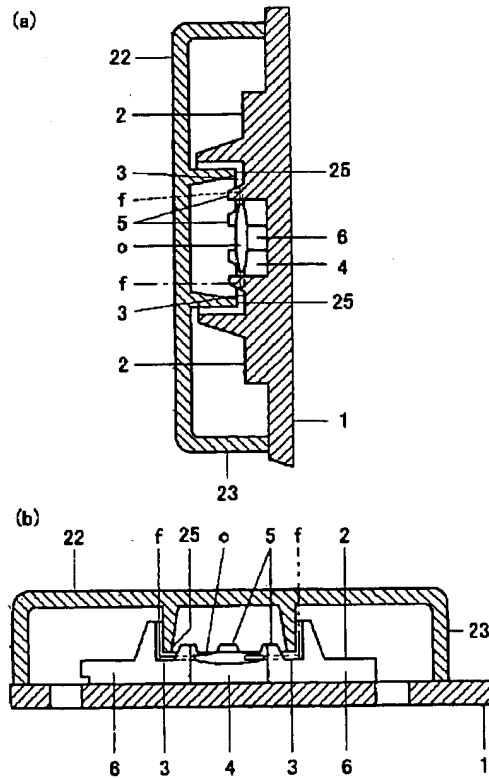
【図3】



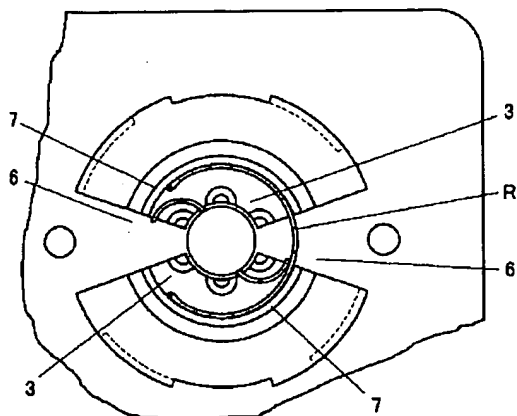
【図4】



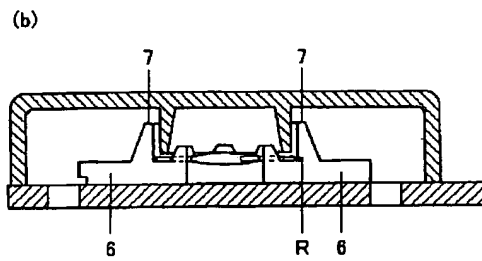
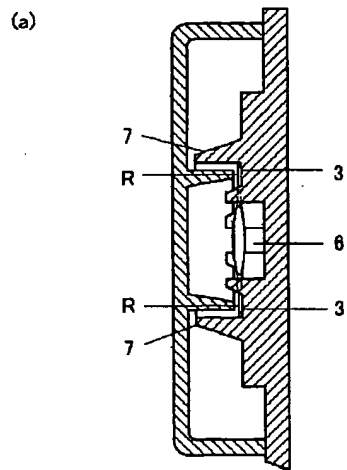
【図5】



【図6】



【図7】



【図8】

